

ThachDinh

<https://sites.google.com/site/ngoatchachdinh/>

Contact

CNAM/Cedric-Lab EPN03
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Languages

Maternal vietnamese
French & english fluency
Elementary japanese

Programming

♥ MATLAB
C++ & C
L^AT_EX

Last update: October 16, 2017

Current position

Since 2017 **CNAM/Cedric-Lab, Paris, France.** Associate Professor in the EASY Department.
Research activity on Automatic Control at Centre d'études et de recherche en informatique et communications, Teaching at CNAM (Conservatoire National des Arts et Métiers).
▷ *Theoretical research on observation and control: interval observers, estimators, stabilization and optimization for systems described by ordinary/partial differential equations or time-delays. Applications to electrical machines.*

Post-docs

2016–2017 **Université de Valenciennes, France. ATER in Automatic Control** 1 year.
Fixed-time observer for a class of nonlinear switched systems.

2015–2016 **Kyushu Institute of Technology, Iizuka, Japan. JSPS Fellow in Control Theory** 1 year.
Design methods and guarantees of interval observers for nonlinear systems.

Education

2014 **Université Paris-Sud 11** Ph.D. in Physics.
Interval Observer and Positive Observer. The Ph.D. was joint with DISCO/INRIA, CAOR/Mines ParisTech & L2S/CentraleSupélec. Mention "très honorable".

2011 **Institut National des Sciences Appliquées de Lyon** Master of Research.
Thesis on Continuous-discrete time observer design for Lipschitz systems with sampled measurements. Mention "bien" (ranked 1st/12).

2011 **Institut National des Sciences Appliquées de Lyon** Diplôme d'Ingénieur (M.Sc.Eng.).
Majoring in Electrical Engineering.

Professional Experience

Since 2011 **Control Theory and Automatic Control.**
▷ *Publications:* <https://sites.google.com/site/ngoatchachdinh/publications>.
▷ *Projects:* Postdoctoral Fellowship of the Japan Society for the Promotion of Science (JSPS) (¥ 4.544.000 ≈ € 38.000).
▷ *Advised students:* 1 Ph.D.
▷ *Volunteer organiser for the 1st IFAC Workshop on Control of Systems Modeled by Partial Differential Equation, Paris, 2013.*
▷ *Reviewer for key journals/international conferences in Automatic Control. Elsevier Reviewer Recognition of the journal ISA Transactions.*
▷ *Administrator of the biggest online mathematics forum of Vietnam (<https://diendantoanhoc.net/>).*

2007-2010 **AUGIER Energy (6 months, Carros, France), La Cave des Vignerons du Sieur d'Arques (1 month, Limoux, France). Sponsored Internships.**